



Variable Valve Timing (VVT) and Start-Stop System Industry Research Report 2026

Industry	Published	Pages	Format
Automobile & Transportation	2026-03-04	126	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

Description

The global Variable Valve Timing (VVT) and Start-Stop System market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

North America: the Variable Valve Timing (VVT) and Start-Stop System market is projected to increase from US\$ million in 2026 to US\$ million by 2032, reflecting a CAGR of % over 2026–2032. Europe: the Variable Valve Timing (VVT) and Start-Stop System market is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032. Asia Pacific: the Variable Valve Timing (VVT) and Start-Stop System market is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032. Leading global service providers of Variable Valve Timing (VVT) and Start-Stop System include Valeo S.A, Hitachi, Ltd., Schaeffler AG, Eaton Corp., Mitsubishi Electric Corp., Hilite International GmbH, Toyota Motor Corp., Exedy Corp. and Honda Motor Co., Ltd., among others; in 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Variable Valve Timing (VVT) and Start-Stop System market in terms of revenue (US\$ million) and, where applicable, service volume (k units), using 2024 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of service Types and end-use Applications, harmonizes provider attribution, and delivers comparable time series by company, Type, Application, and region or country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10). Outputs are intended to support service design, budgeting, capacity planning, and benchmarking for providers, platforms, channel partners, and investors; the report also reviews technology shifts and notable service innovations relevant to Variable Valve Timing (VVT) and Start-Stop System.

Key Companies & Market Share Insights

This section profiles leading service providers with 2021–2025 results and a 2026–2032 outlook—covering revenue, market share, price bands, service portfolio and client mix, regional and channel mix, and key developments (M&A, network expansion, certifications). It also provides global revenue, average price, and—where applicable—volume metrics by provider, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Variable Valve Timing (VVT) and Start-Stop System Market by Company

Valeo S.A

Hitachi, Ltd.

Schaeffler AG

Eaton Corp.
Mitsubishi Electric Corp.
Hilite International GmbH
Toyota Motor Corp.
Exedy Corp.
Honda Motor Co., Ltd.
Hyundai Motor Co.
Mikuni Corp.
ZF Friedrichshafen AG
PMG Holding GmbH
Stellantis N.V.
Magna International Inc.
Cloyes Gear and Products Inc.
General Motors Co.

Variable Valve Timing (VVT) and Start-Stop System Segment by Type

VVT
Start-stop System

Variable Valve Timing (VVT) and Start-Stop System Segment by Application

Passenger Cars
Light Commercial Vehicles
Heavy Commercial Vehicles

Variable Valve Timing (VVT) and Start-Stop System Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Spain
Russia
Netherlands
Nordic Countries
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina

Chile

Middle East & Africa

Saudi Arabia

Israel

United Arab Emirates

Turkey

Iran

Egypt

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Variable Valve Timing (VVT) and Start-Stop System market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Variable Valve Timing (VVT) and Start-Stop System and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Variable Valve Timing (VVT) and Start-Stop System.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4:

Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5:

Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6:

Detailed analysis of Variable Valve Timing (VVT) and Start-Stop System companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, South America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Variable Valve Timing (VVT) and Start-Stop System by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032)
 - 2.2.2 VVT
 - 2.2.3 Start-stop System
- 2.3 Variable Valve Timing (VVT) and Start-Stop System by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032)
 - 2.3.2 Passenger Cars
 - 2.3.3 Light Commercial Vehicles
 - 2.3.4 Heavy Commercial Vehicles
- 2.4 Assumptions and Limitations

3 Variable Valve Timing (VVT) and Start-Stop System Breakdown Data by Type

- 3.1 Global Variable Valve Timing (VVT) and Start-Stop System Historic Market Size by Type (2021-2026)
- 3.2 Global Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Type (2027-2032)

4 Variable Valve Timing (VVT) and Start-Stop System Breakdown Data by Application

- 4.1 Global Variable Valve Timing (VVT) and Start-Stop System Historic Market Size by Application (2021-2026)
- 4.2 Global Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Application (2027-2032)

5 Global Growth Trends

- 5.1 Global Variable Valve Timing (VVT) and Start-Stop System Market Perspective (2021-2032)
- 5.2 Global Variable Valve Timing (VVT) and Start-Stop System Growth Trends by Region
 - 5.2.1 Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Region: 2021 VS 2025 VS 2032
 - 5.2.2 Variable Valve Timing (VVT) and Start-Stop System Historic Market Size by Region (2021-2026)
 - 5.2.3 Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Region (2027-2032)
- 5.3 Variable Valve Timing (VVT) and Start-Stop System Market Dynamics
 - 5.3.1 Variable Valve Timing (VVT) and Start-Stop System Industry Trends
 - 5.3.2 Variable Valve Timing (VVT) and Start-Stop System Market Drivers
 - 5.3.3 Variable Valve Timing (VVT) and Start-Stop System Market Challenges
 - 5.3.4 Variable Valve Timing (VVT) and Start-Stop System Market Restraints

6 Market Competitive Landscape by Players

- 6.1 Global Top Variable Valve Timing (VVT) and Start-Stop System Players by Revenue
 - 6.1.1 Global Top Variable Valve Timing (VVT) and Start-Stop System Players by Revenue (2021-2026)
 - 6.1.2 Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Players (2021-2026)

6.2 Global Variable Valve Timing (VVT) and Start-Stop System Industry Players Ranking, 2023 VS 2024 VS 2025

6.3 Global Key Players of Variable Valve Timing (VVT) and Start-Stop System Head Office and Area Served

6.4 Global Variable Valve Timing (VVT) and Start-Stop System Players, Product Type & Application

6.5 Global Variable Valve Timing (VVT) and Start-Stop System Manufacturers Established Date

6.6 Global Variable Valve Timing (VVT) and Start-Stop System Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 North America

7.1 North America Variable Valve Timing (VVT) and Start-Stop System Market Size (2021-2032)

7.2 North America Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032

7.3 North America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026)

7.4 North America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032)

7.5 United States

7.5 United States

7.6 Canada

7.7 Mexico

8 Europe

8.1 Europe Variable Valve Timing (VVT) and Start-Stop System Market Size (2021-2032)

8.2 Europe Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032

8.3 Europe Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026)

8.4 Europe Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032)

8.5 Germany

8.6 France

8.7 U.K.

8.8 Italy

8.9 Spain

8.10 Russia

8.11 Netherlands

8.12 Nordic Countries

9 Asia-Pacific

9.1 Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size (2021-2032)

9.2 Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032

9.3 Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026)

9.4 Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032)

9.5 China

9.6 Japan

9.7 South Korea

9.8 India

9.9 Australia

9.10 China Taiwan

9.11 Southeast Asia

10 South America

10.1 South America Variable Valve Timing (VVT) and Start-Stop System Market Size (2021-2032)

10.2 South America Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032

10.3 South America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026)

10.4 South America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032)

- 10.5 Brazil
 - 10.6 Argentina
 - 10.7 Chile
 - 10.8 Colombia
 - 10.9 Peru
-

11 Middle East & Africa

- 11.1 Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Size (2021-2032)
 - 11.2 Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032
 - 11.3 Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026)
 - 11.4 Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032)
 - 11.5 Saudi Arabia
 - 11.6 Israel
 - 11.7 United Arab Emirates
 - 11.8 Turkey
 - 11.9 Iran
 - 11.10 Egypt
-

12 Players Profiled

- 12.1 Valeo S.A
 - 12.1.1 Valeo S.A Company Information
 - 12.1.2 Valeo S.A Business Overview
 - 12.1.3 Valeo S.A Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
 - 12.1.4 Valeo S.A Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
 - 12.1.5 Valeo S.A Recent Developments
- 12.2 Hitachi, Ltd.
 - 12.2.1 Hitachi, Ltd. Company Information
 - 12.2.2 Hitachi, Ltd. Business Overview
 - 12.2.3 Hitachi, Ltd. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
 - 12.2.4 Hitachi, Ltd. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
 - 12.2.5 Hitachi, Ltd. Recent Developments
- 12.3 Schaeffler AG
 - 12.3.1 Schaeffler AG Company Information
 - 12.3.2 Schaeffler AG Business Overview
 - 12.3.3 Schaeffler AG Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
 - 12.3.4 Schaeffler AG Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
 - 12.3.5 Schaeffler AG Recent Developments
- 12.4 Eaton Corp.
 - 12.4.1 Eaton Corp. Company Information
 - 12.4.2 Eaton Corp. Business Overview
 - 12.4.3 Eaton Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
 - 12.4.4 Eaton Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
 - 12.4.5 Eaton Corp. Recent Developments
- 12.5 Mitsubishi Electric Corp.
 - 12.5.1 Mitsubishi Electric Corp. Company Information
 - 12.5.2 Mitsubishi Electric Corp. Business Overview
 - 12.5.3 Mitsubishi Electric Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
 - 12.5.4 Mitsubishi Electric Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
 - 12.5.5 Mitsubishi Electric Corp. Recent Developments

12.6 Hilite International GmbH

12.6.1 Hilite International GmbH Company Information

12.6.2 Hilite International GmbH Business Overview

12.6.3 Hilite International GmbH Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.6.4 Hilite International GmbH Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.6.5 Hilite International GmbH Recent Developments

12.7 Toyota Motor Corp.

12.7.1 Toyota Motor Corp. Company Information

12.7.2 Toyota Motor Corp. Business Overview

12.7.3 Toyota Motor Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.7.4 Toyota Motor Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.7.5 Toyota Motor Corp. Recent Developments

12.8 Exedy Corp.

12.8.1 Exedy Corp. Company Information

12.8.2 Exedy Corp. Business Overview

12.8.3 Exedy Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.8.4 Exedy Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.8.5 Exedy Corp. Recent Developments

12.9 Honda Motor Co., Ltd.

12.9.1 Honda Motor Co., Ltd. Company Information

12.9.2 Honda Motor Co., Ltd. Business Overview

12.9.3 Honda Motor Co., Ltd. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.9.4 Honda Motor Co., Ltd. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.9.5 Honda Motor Co., Ltd. Recent Developments

12.10 Hyundai Motor Co.

12.10.1 Hyundai Motor Co. Company Information

12.10.2 Hyundai Motor Co. Business Overview

12.10.3 Hyundai Motor Co. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.10.4 Hyundai Motor Co. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.10.5 Hyundai Motor Co. Recent Developments

12.11 Mikuni Corp.

12.11.1 Mikuni Corp. Company Information

12.11.2 Mikuni Corp. Business Overview

12.11.3 Mikuni Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.11.4 Mikuni Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.11.5 Mikuni Corp. Recent Developments

12.12 ZF Friedrichshafen AG

12.12.1 ZF Friedrichshafen AG Company Information

12.12.2 ZF Friedrichshafen AG Business Overview

12.12.3 ZF Friedrichshafen AG Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.12.4 ZF Friedrichshafen AG Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.12.5 ZF Friedrichshafen AG Recent Developments

12.13 PMG Holding GmbH

12.13.1 PMG Holding GmbH Company Information

12.13.2 PMG Holding GmbH Business Overview

12.13.3 PMG Holding GmbH Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.13.4 PMG Holding GmbH Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.13.5 PMG Holding GmbH Recent Developments

12.14 Stellantis N.V.

12.14.1 Stellantis N.V. Company Information

12.14.2 Stellantis N.V. Business Overview

12.14.3 Stellantis N.V. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.14.4 Stellantis N.V. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.14.5 Stellantis N.V. Recent Developments

12.15 Magna International Inc.

12.15.1 Magna International Inc. Company Information

12.15.2 Magna International Inc. Business Overview

12.15.3 Magna International Inc. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.15.4 Magna International Inc. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.15.5 Magna International Inc. Recent Developments

12.16 Cloyes Gear and Products Inc.

12.16.1 Cloyes Gear and Products Inc. Company Information

12.16.2 Cloyes Gear and Products Inc. Business Overview

12.16.3 Cloyes Gear and Products Inc. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.16.4 Cloyes Gear and Products Inc. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.16.5 Cloyes Gear and Products Inc. Recent Developments

12.17 General Motors Co.

12.17.1 General Motors Co. Company Information

12.17.2 General Motors Co. Business Overview

12.17.3 General Motors Co. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)

12.17.4 General Motors Co. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

12.17.5 General Motors Co. Recent Developments

13 Report Conclusion

14 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Type (2021-2026) & (US\$ Million)
- Table 6: Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Type (2021-2026)
- Table 7: Global Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Type (2027-2032) & (US\$ Million)
- Table 8: Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Type (2027-2032)
- Table 9: Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Application (2021-2026) & (US\$ Million)
- Table 10: Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Application (2021-2026)
- Table 11: Global Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Application (2027-2032) & (US\$ Million)
- Table 12: Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Application (2027-2032)
- Table 13: Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 14: Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Region (2021-2026) & (US\$ Million)
- Table 15: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Region (2021-2026)
- Table 16: Global Variable Valve Timing (VVT) and Start-Stop System Forecasted Market Size by Region (2027-2032) & (US\$ Million)
- Table 17: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Region (2027-2032)
- Table 18: Variable Valve Timing (VVT) and Start-Stop System Industry Trends
- Table 19: Variable Valve Timing (VVT) and Start-Stop System Industry Drivers
- Table 20: Variable Valve Timing (VVT) and Start-Stop System Industry Opportunities and Challenges
- Table 21: Variable Valve Timing (VVT) and Start-Stop System Market Restraints
- Table 22: Global Top Variable Valve Timing (VVT) and Start-Stop System Players by Revenue (US\$ Million) & (2021-2026)
- Table 23: Global Variable Valve Timing (VVT) and Start-Stop System Revenue Market Share by Players (2021-2026)
- Table 24: Global Variable Valve Timing (VVT) and Start-Stop System Industry Players Ranking, 2024 VS 2025 VS 2026
- Table 25: Global Key Players of Variable Valve Timing (VVT) and Start-Stop System, Headquarters and Area Served
- Table 26: Global Variable Valve Timing (VVT) and Start-Stop System Players, Product Type & Application
- Table 27: Global Players Market Concentration Ratio (CR5 and HHI)
- Table 28: Global Variable Valve Timing (VVT) and Start-Stop System by Players Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 29: Players Mergers & Acquisitions, Expansion Plans
- Table 30: North America Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 31: North America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026) & (US\$ Million)
- Table 32: North America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032) & (US\$ Million)
- Table 33: Europe Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 34: Europe Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026) & (US\$ Million)
- Table 35: Europe Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032) & (US\$ Million)
- Table 36: Asia Pacific Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 37: Asia Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size by Region (2021-2026) & (US\$ Million)
- Table 38: Asia Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032) & (US\$ Million)
- Table 39: South America Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 40: South America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026) & (US\$ Million)
- Table 41: South America Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032) & (US\$ Million)

- Table 42: Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 43: Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2021-2026) & (US\$ Million)
- Table 44: Middle East & Africa Variable Valve Timing (VVT) and Start-Stop System Market Size by Country (2027-2032) & (US\$ Million)
- Table 45: Valeo S.A Company Information
- Table 46: Valeo S.A Business Overview
- Table 47: Valeo S.A Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 48: Valeo S.A Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 49: Valeo S.A Recent Developments
- Table 50: Hitachi, Ltd. Company Information
- Table 51: Hitachi, Ltd. Business Overview
- Table 52: Hitachi, Ltd. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 53: Hitachi, Ltd. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 54: Hitachi, Ltd. Recent Developments
- Table 55: Schaeffler AG Company Information
- Table 56: Schaeffler AG Business Overview
- Table 57: Schaeffler AG Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 58: Schaeffler AG Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 59: Schaeffler AG Recent Developments
- Table 60: Eaton Corp. Company Information
- Table 61: Eaton Corp. Business Overview
- Table 62: Eaton Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 63: Eaton Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 64: Eaton Corp. Recent Developments
- Table 65: Mitsubishi Electric Corp. Company Information
- Table 66: Mitsubishi Electric Corp. Business Overview
- Table 67: Mitsubishi Electric Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 68: Mitsubishi Electric Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 69: Mitsubishi Electric Corp. Recent Developments
- Table 70: Hilite International GmbH Company Information
- Table 71: Hilite International GmbH Business Overview
- Table 72: Hilite International GmbH Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 73: Hilite International GmbH Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 74: Hilite International GmbH Recent Developments
- Table 75: Toyota Motor Corp. Company Information
- Table 76: Toyota Motor Corp. Business Overview
- Table 77: Toyota Motor Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 78: Toyota Motor Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 79: Toyota Motor Corp. Recent Developments
- Table 80: Exedy Corp. Company Information
- Table 81: Exedy Corp. Business Overview
- Table 82: Exedy Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 83: Exedy Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 84: Exedy Corp. Recent Developments
- Table 85: Honda Motor Co., Ltd. Company Information
- Table 86: Honda Motor Co., Ltd. Business Overview
- Table 87: Honda Motor Co., Ltd. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 88: Honda Motor Co., Ltd. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 89: Honda Motor Co., Ltd. Recent Developments
- Table 90: Hyundai Motor Co. Company Information
- Table 91: Hyundai Motor Co. Business Overview
- Table 92: Hyundai Motor Co. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 93: Hyundai Motor Co. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 94: Hyundai Motor Co. Recent Developments
- Table 95: Mikuni Corp. Company Information
- Table 96: Mikuni Corp. Business Overview
- Table 97: Mikuni Corp. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 98: Mikuni Corp. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio

- Table 99: Mikuni Corp. Recent Developments
- Table 100: ZF Friedrichshafen AG Company Information
- Table 101: ZF Friedrichshafen AG Business Overview
- Table 102: ZF Friedrichshafen AG Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 103: ZF Friedrichshafen AG Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 104: ZF Friedrichshafen AG Recent Developments
- Table 105: PMG Holding GmbH Company Information
- Table 106: PMG Holding GmbH Business Overview
- Table 107: PMG Holding GmbH Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 108: PMG Holding GmbH Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 109: PMG Holding GmbH Recent Developments
- Table 110: Stellantis N.V. Company Information
- Table 111: Stellantis N.V. Business Overview
- Table 112: Stellantis N.V. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 113: Stellantis N.V. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 114: Stellantis N.V. Recent Developments
- Table 115: Magna International Inc. Company Information
- Table 116: Magna International Inc. Business Overview
- Table 117: Magna International Inc. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 118: Magna International Inc. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 119: Magna International Inc. Recent Developments
- Table 120: Cloyes Gear and Products Inc. Company Information
- Table 121: Cloyes Gear and Products Inc. Business Overview
- Table 122: Cloyes Gear and Products Inc. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 123: Cloyes Gear and Products Inc. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 124: Cloyes Gear and Products Inc. Recent Developments
- Table 125: General Motors Co. Company Information
- Table 126: General Motors Co. Business Overview
- Table 127: General Motors Co. Revenue in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026) & (US\$ Million)
- Table 128: General Motors Co. Variable Valve Timing (VVT) and Start-Stop System Product Portfolio
- Table 129: General Motors Co. Recent Developments
- Table 130: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Variable Valve Timing (VVT) and Start-Stop System Product Image
- Figure 5: Global Variable Valve Timing (VVT) and Start-Stop System Market Size Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Type: 2025 VS 2032
- Figure 7: VVT Product
- Figure 8: Start-stop System Product
- Figure 9: Global Variable Valve Timing (VVT) and Start-Stop System Market Size by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 10: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Application: 2025 VS 2032
- Figure 11: Passenger Cars Product
- Figure 12: Light Commercial Vehicles Product
- Figure 13: Heavy Commercial Vehicles Product
- Figure 14: Global Variable Valve Timing (VVT) and Start-Stop System Market Size (US\$ Million), Year-over-Year: 2021-2032
- Figure 15: Global Variable Valve Timing (VVT) and Start-Stop System Market Size, (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Region: 2025 VS 2032
- Figure 17: Global Variable Valve Timing (VVT) and Start-Stop System Market Share by Players in 2025
- Figure 18: Global Variable Valve Timing (VVT) and Start-Stop System Manufacturers Established Date
- Figure 19: Global Top 5 and 10 Variable Valve Timing (VVT) and Start-Stop System Players Market Share by Revenue in 2025
- Figure 20: Players Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 21: North America Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$

Million)

- Figure 22: North America Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 23: United States Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 24: Canada Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 25: Mexico Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 26: Europe Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 27: Europe Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 28: Germany Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 29: France Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 30: U.K. Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 31: Italy Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 32: Spain Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 33: Russia Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 34: Netherlands Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 35: Nordic Countries Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 36: Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 37: Asia-Pacific Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 38: China Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 39: Japan Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 40: South Korea Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 41: India Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 42: India Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 43: Australia Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 44: China Taiwan Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 45: Southeast Asia Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 46: South America Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 47: South America Variable Valve Timing (VVT) and Start-Stop System Market Share by Country (2021-2032)
- Figure 48: Brazil Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 49: Argentina Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 50: Chile Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 51: Colombia Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 52: Peru Variable Valve Timing (VVT) and Start-Stop System Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 53: Valeo S.A Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 54: Hitachi, Ltd. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 55: Schaeffler AG Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 56: Eaton Corp. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 57: Mitsubishi Electric Corp. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 58: Hilite International GmbH Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 59: Toyota Motor Corp. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 60: Exedy Corp. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 61: Honda Motor Co., Ltd. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 62: Hyundai Motor Co. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 63: Mikuni Corp. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 64: ZF Friedrichshafen AG Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 65: PMG Holding GmbH Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 66: Stellantis N.V. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 67: Magna International Inc. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)
- Figure 68: Cloyes Gear and Products Inc. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System

Business (2021-2026)

- Figure 69: General Motors Co. Revenue Growth Rate in Variable Valve Timing (VVT) and Start-Stop System Business (2021-2026)